

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
 Data File : BN005601.D
 Acq On : 10 May 2019 22:33
 Operator : JU/SJ
 Sample : K2613-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHE0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.205	33	37	43	rVB2	31641	48465	0.92%	0.086%
2	6.764	636	642	654	rBV	651824	1239291	23.46%	2.191%
3	6.928	664	670	684	rVB	544889	889707	16.84%	1.573%
4	7.122	696	703	714	rBV	713243	1213967	22.98%	2.146%
5	7.581	774	781	790	rBV	631692	1060356	20.07%	1.875%
6	8.281	894	900	915	rBV	864738	1509679	28.58%	2.669%
7	8.722	968	975	988	rBV	743172	1277391	24.18%	2.258%
8	9.158	1041	1049	1054	rBV3	11094	18513	0.35%	0.033%
9	9.440	1090	1097	1109	rVB	622545	1083752	20.52%	1.916%
10	9.975	1181	1188	1202	rBV	875796	1624296	30.75%	2.872%
11	10.340	1243	1250	1260	rVB	960134	1574344	29.80%	2.783%
12	10.481	1267	1274	1294	rBV	823114	1663380	31.49%	2.941%
13	11.963	1517	1526	1534	rBV5	9652	19886	0.38%	0.035%
14	13.122	1718	1723	1730	rBV5	3823	7413	0.14%	0.013%
15	13.634	1803	1810	1814	rBV	1800770	2502579	47.38%	4.424%
16	13.681	1814	1818	1828	rVB	525332	765979	14.50%	1.354%
17	13.904	1849	1856	1870	rBV	2077474	3149186	59.62%	5.567%
18	14.216	1902	1909	1922	rBV2	1436992	2159646	40.88%	3.818%
19	14.440	1941	1947	1967	rBV	525741	1044784	19.78%	1.847%
20	14.981	2034	2039	2043	rBV2	26935	37149	0.70%	0.066%
21	15.040	2043	2049	2053	rVV3	3664	6764	0.13%	0.012%
22	15.098	2053	2059	2063	rVB2	6222	8360	0.16%	0.015%
23	15.216	2072	2079	2087	rBV	2615713	3823625	72.39%	6.760%
24	15.363	2098	2104	2116	rBV	576958	967870	18.32%	1.711%
25	15.457	2116	2120	2127	rVB	32803	50894	0.96%	0.090%
26	15.645	2149	2152	2157	rBV4	3770	5479	0.10%	0.010%
27	15.957	2201	2205	2209	rBV2	7776	13167	0.25%	0.023%
28	16.010	2209	2214	2217	rVB4	11619	17447	0.33%	0.031%
29	16.128	2230	2234	2239	rBV4	6137	10473	0.20%	0.019%
30	16.757	2338	2341	2348	rBV3	11736	20919	0.40%	0.037%
31	16.975	2371	2378	2388	rBV2	1871113	2711425	51.33%	4.793%
32	17.075	2388	2395	2412	rBV	2928074	4237344	80.22%	7.491%
33	17.498	2462	2467	2470	rBV5	5886	9817	0.19%	0.017%
34	17.892	2529	2534	2546	rBV2	172450	330764	6.26%	0.585%

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35	18.187	2579	2584	2588	rBV5	14138	22562	0.43%	0.040%
36	18.834	2691	2694	2698	rBV6	8222	14336	0.27%	0.025%
37	19.022	2722	2726	2733	rBV	31241	54441	1.03%	0.096%
38	19.192	2751	2755	2765	rBV5	58660	115390	2.18%	0.204%
39	19.275	2765	2769	2773	rVB	32222	45345	0.86%	0.080%
40	19.386	2781	2788	2798	rBV	3874404	5200276	98.45%	9.193%
41	19.786	2854	2856	2857	rBV2	6395	5497	0.10%	0.010%
42	19.963	2884	2886	2890	rVB5	19254	16425	0.31%	0.029%
43	20.198	2924	2926	2929	rVB4	10918	9945	0.19%	0.018%
44	20.328	2945	2948	2952	rBV6	18637	25714	0.49%	0.045%
45	20.463	2968	2971	2975	rVB3	34810	42128	0.80%	0.074%
46	20.933	3047	3051	3061	rBV	259710	459136	8.69%	0.812%
47	21.133	3083	3085	3089	rVB2	21376	23834	0.45%	0.042%
48	21.204	3092	3097	3107	rBV	2521178	3390611	64.19%	5.994%
49	21.380	3123	3127	3131	rVB	162699	172073	3.26%	0.304%
50	21.810	3196	3200	3205	rBV	267772	331811	6.28%	0.587%
51	22.269	3273	3278	3290	rVB	398769	535312	10.13%	0.946%
52	22.763	3357	3362	3369	rBV	427908	620796	11.75%	1.097%
53	23.269	3441	3448	3453	rBV2	2958199	5282277	100.00%	9.338%
54	23.316	3453	3456	3463	rVB	417772	632057	11.97%	1.117%
55	23.410	3465	3472	3484	rVB	1741747	3277069	62.04%	5.793%
56	23.939	3556	3562	3568	rBV	309472	592477	11.22%	1.047%
57	24.657	3679	3684	3693	rVB	187701	407509	7.71%	0.720%
58	25.498	3822	3827	3834	rVB2	87022	184047	3.48%	0.325%

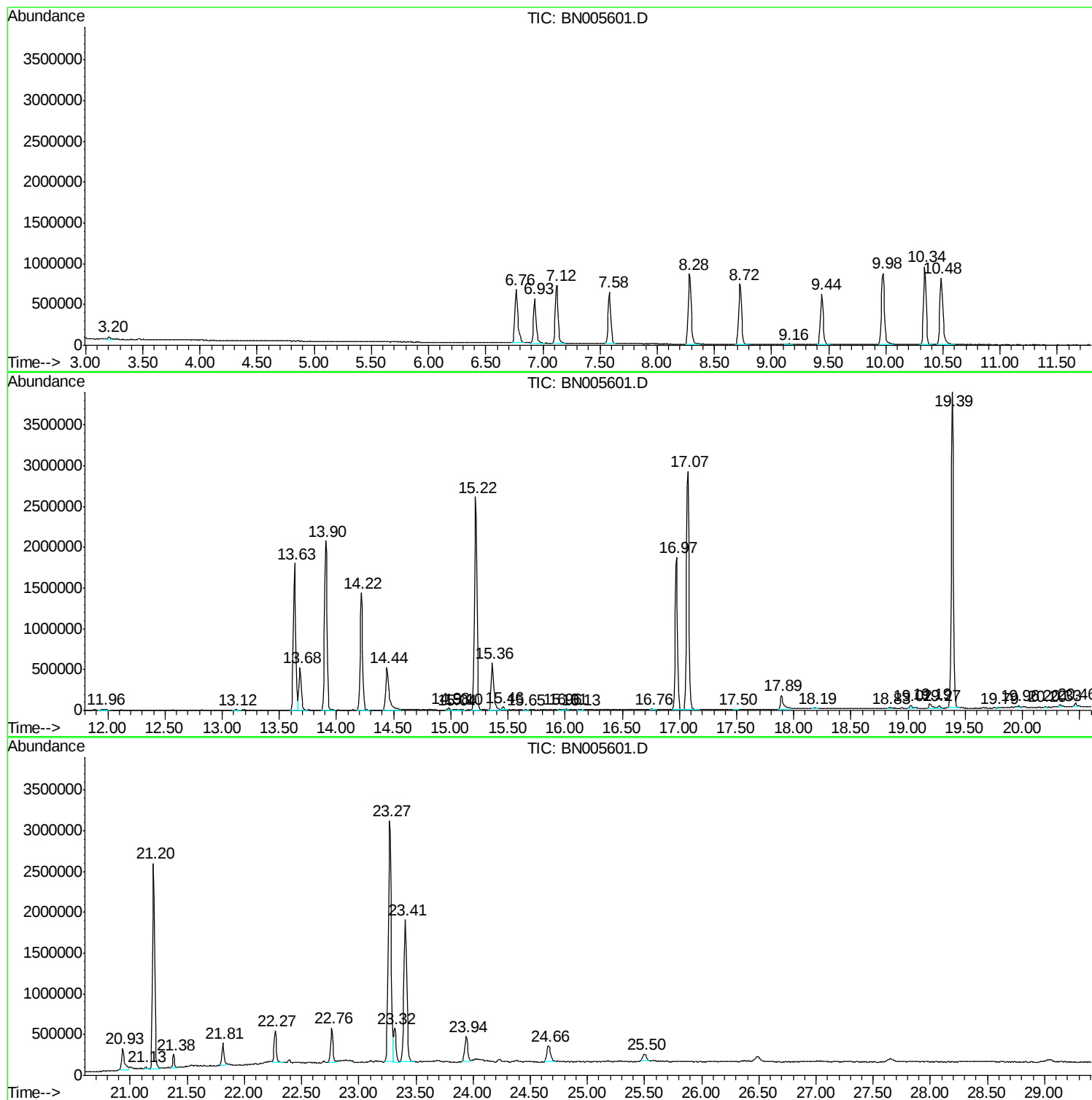
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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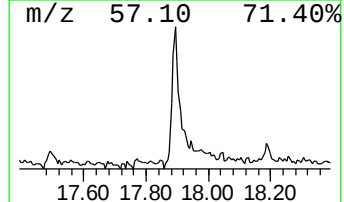
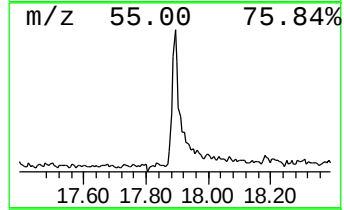
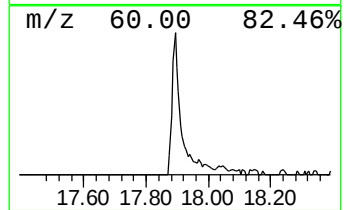
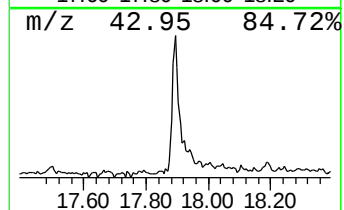
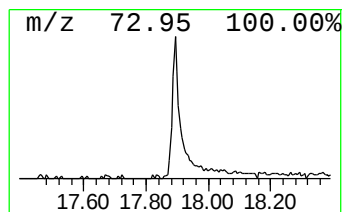
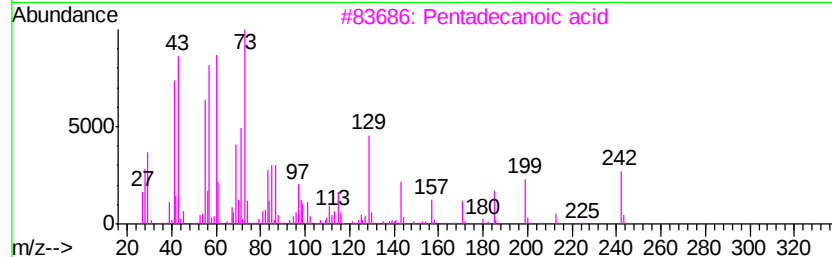
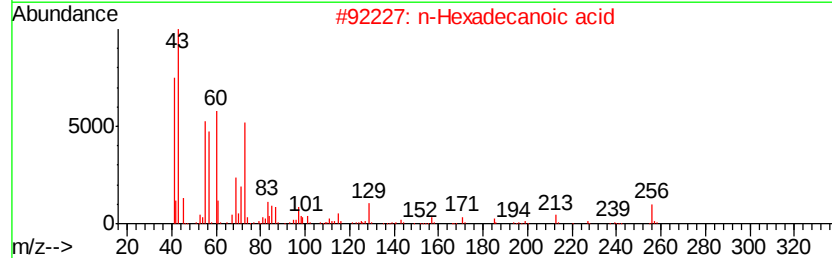
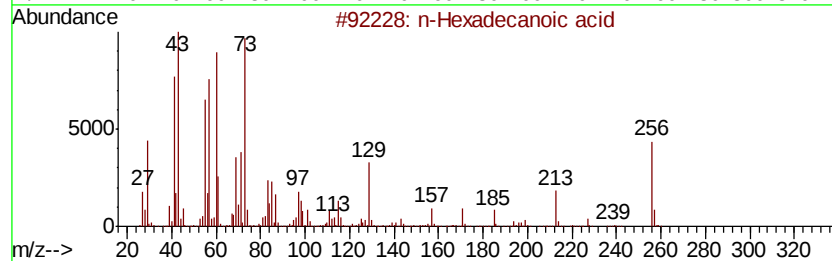
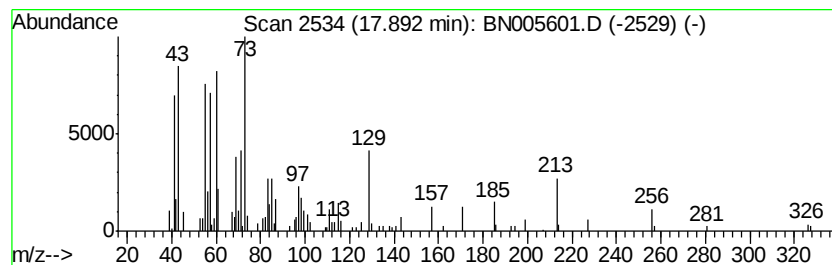
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.89	2.44 ng/ul	330764	Phenanthrene-d10	16.97		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74	



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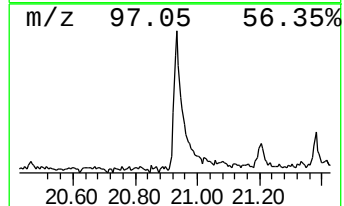
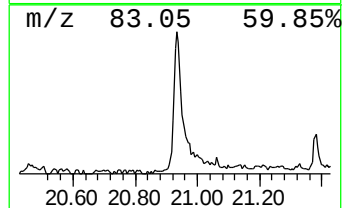
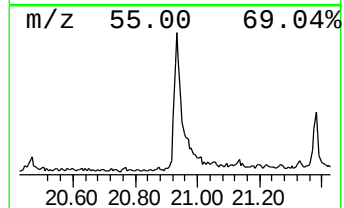
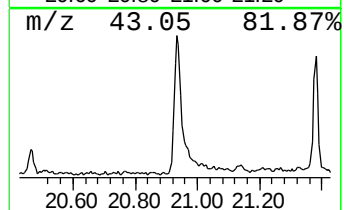
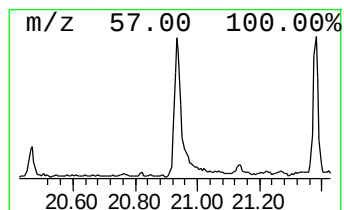
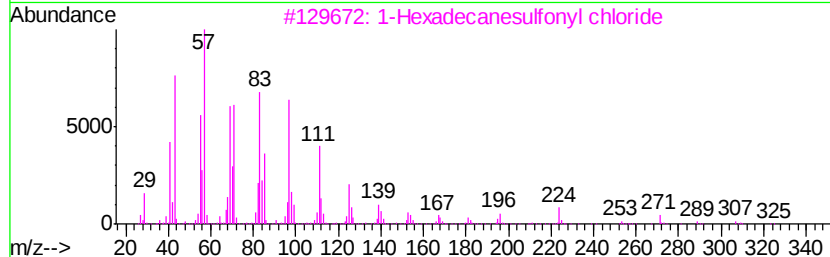
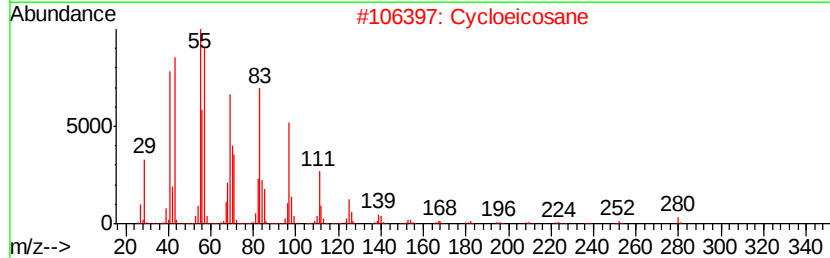
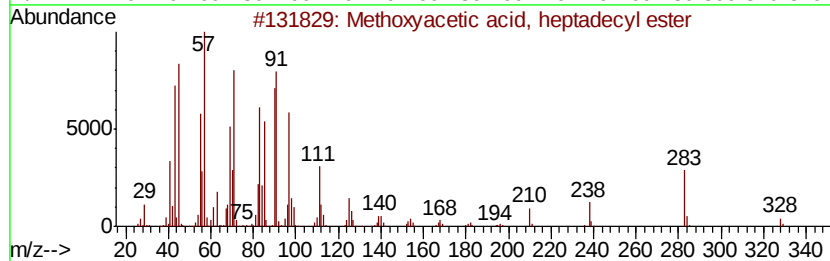
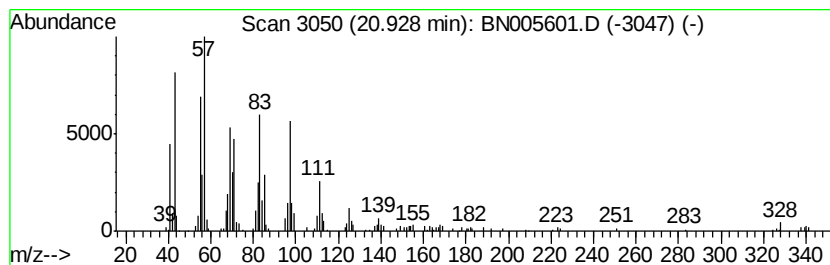
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Methoxyacetic acid, heptade... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.71 ng/ul	459136	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methoxyacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	96
2		Cycloeicosane	280	C20H40	000296-56-0	92
3		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4		17-Pentatriacontene	491	C35H70	006971-40-0	91
5		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90



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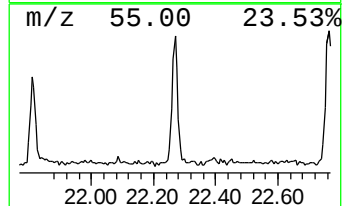
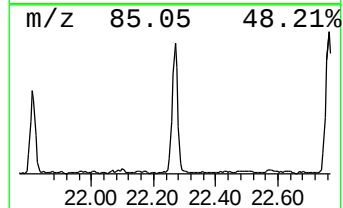
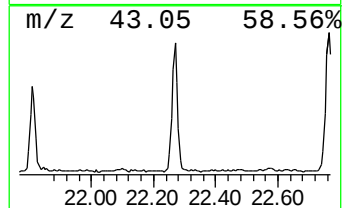
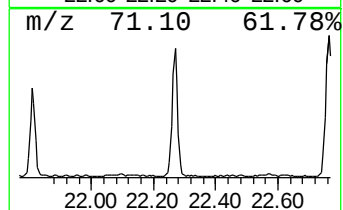
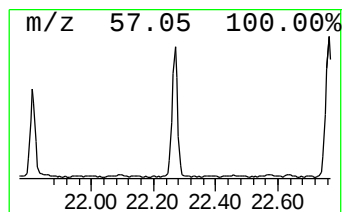
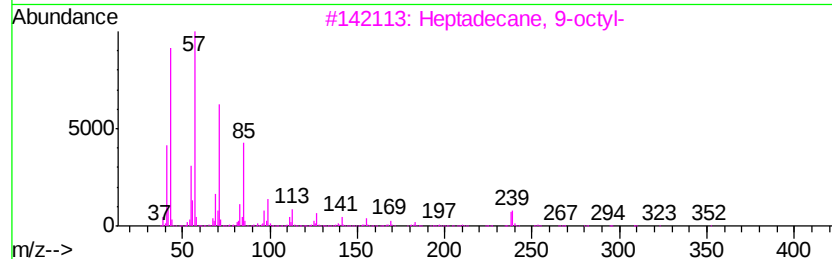
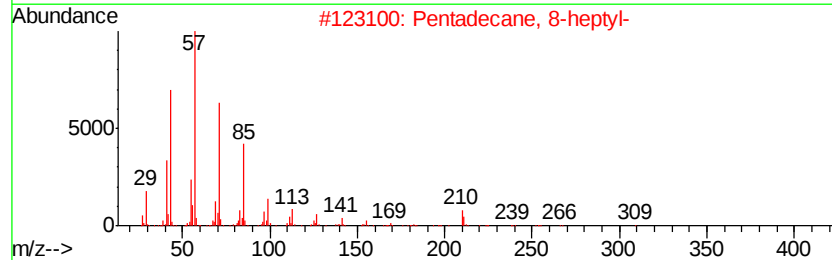
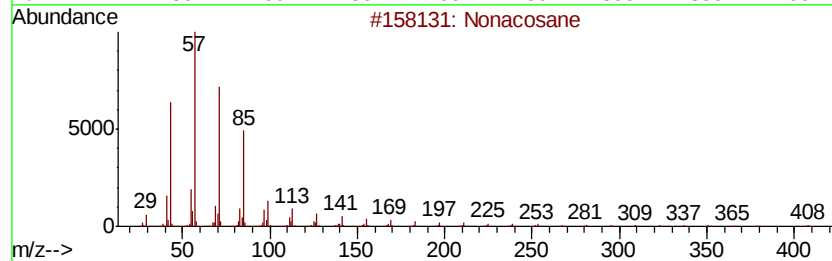
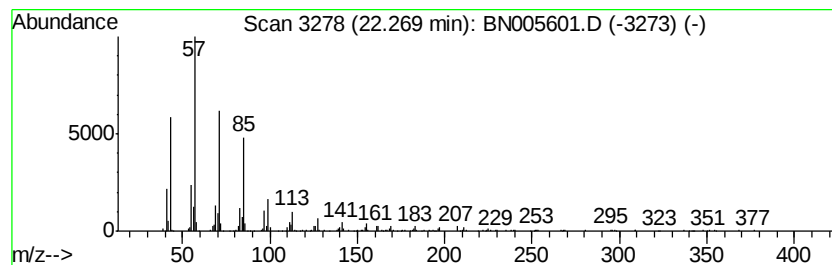
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	3.16 ng/ul	535312	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Docosane	310	C22H46	000629-97-0	87
5		Tetracosane	338	C24H50	000646-31-1	87



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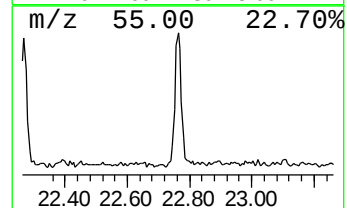
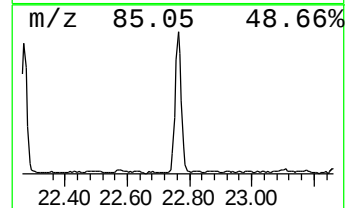
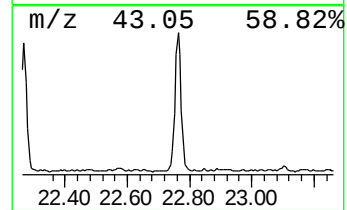
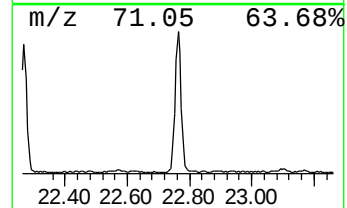
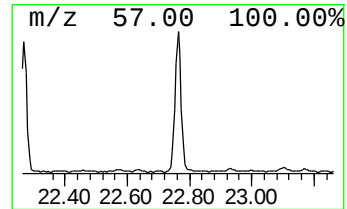
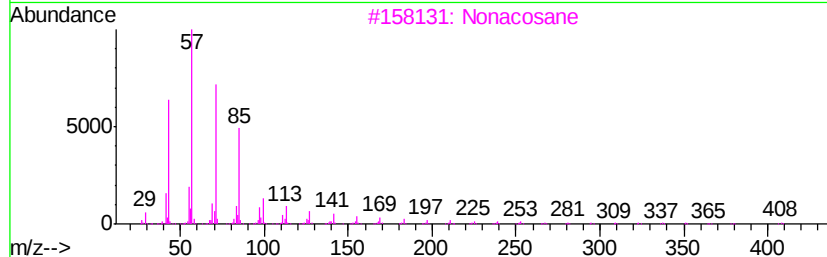
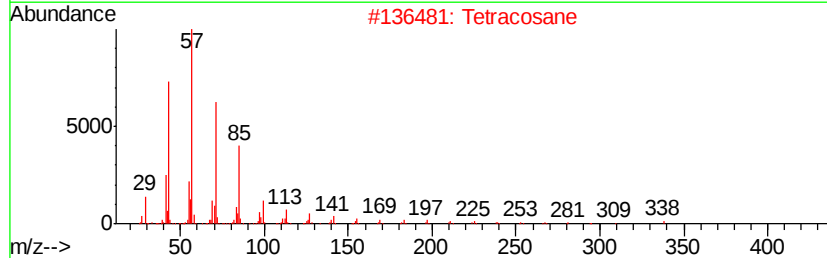
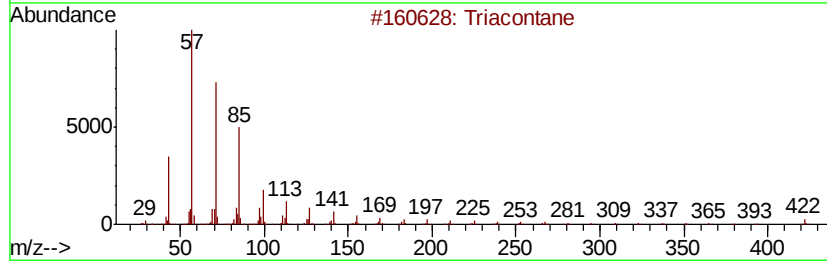
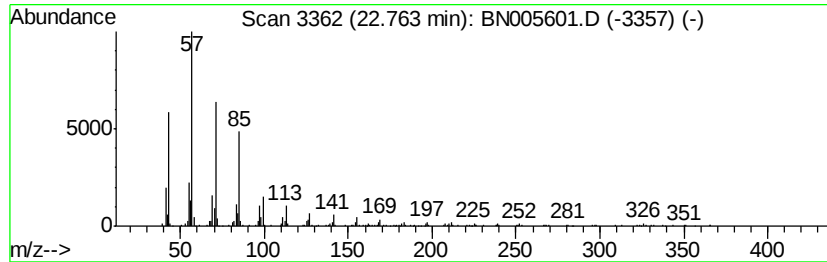
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	3.79 ng/ul	620796	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Nonacosane	408	C29H60	000630-03-5	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Heneicosane	296	C21H44	000629-94-7	90



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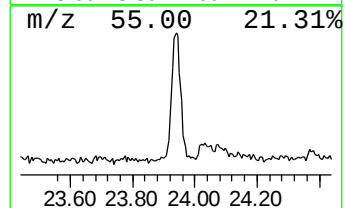
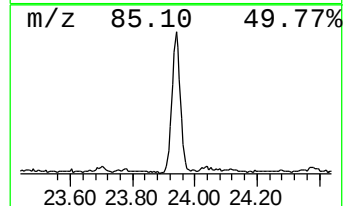
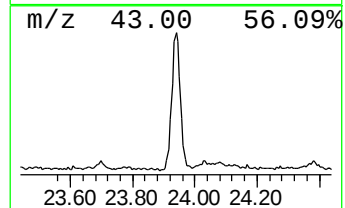
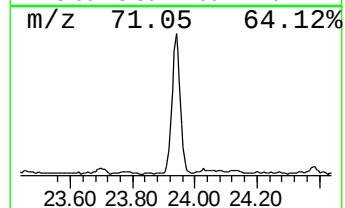
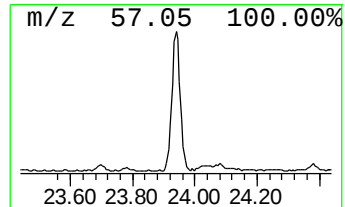
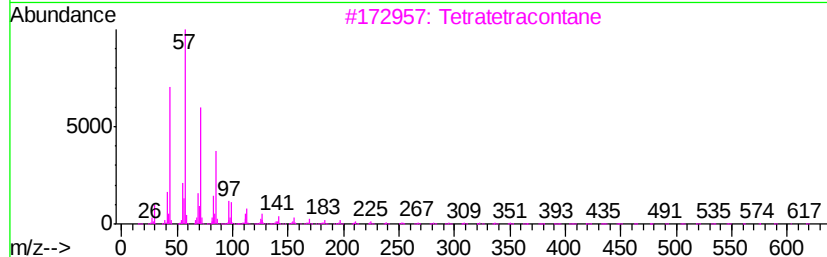
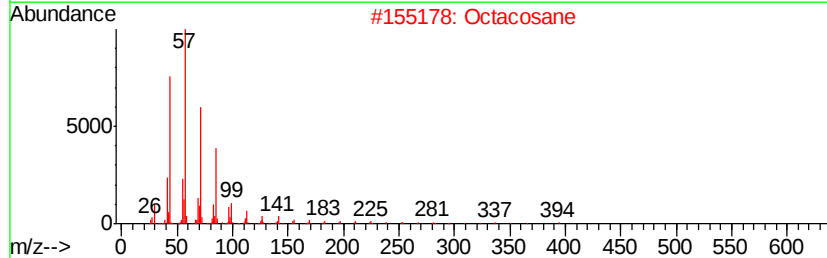
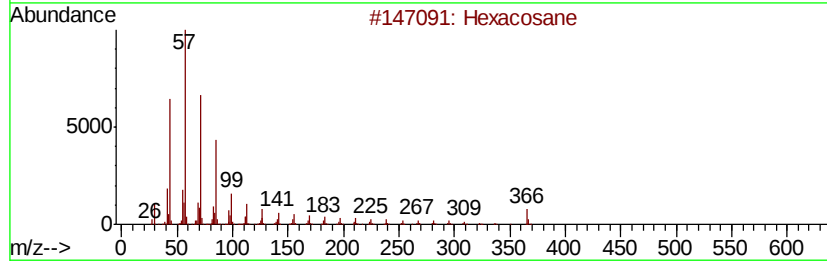
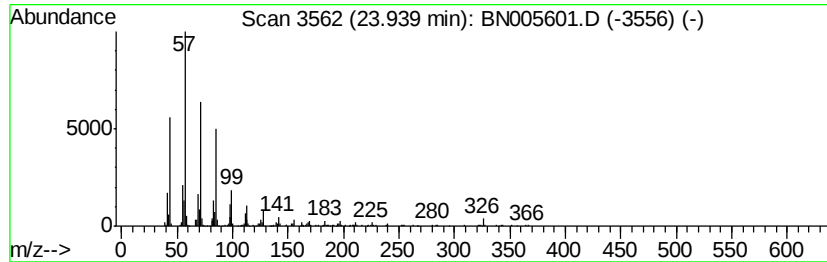
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	3.62 ng/ul	592477	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005601.D
Acq On : 10 May 2019 22:33
Operator : JU/SJ
Sample : K2613-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHE0

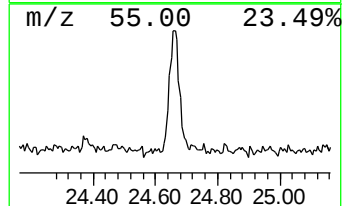
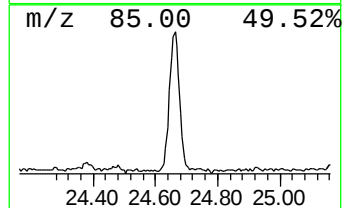
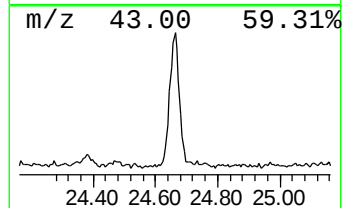
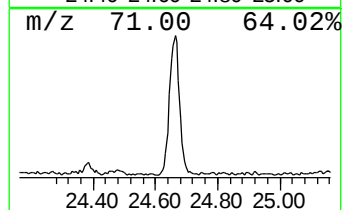
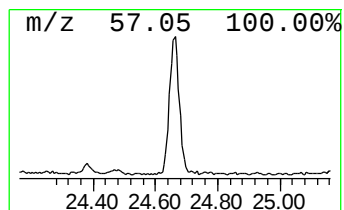
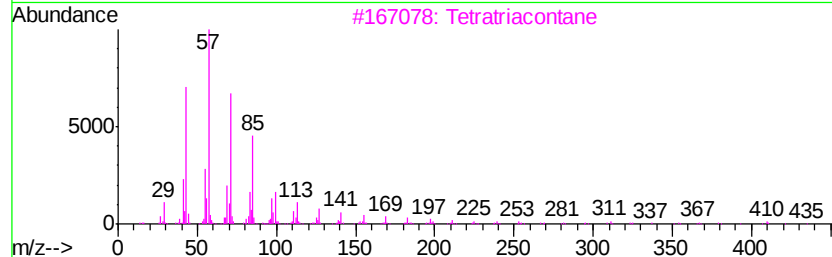
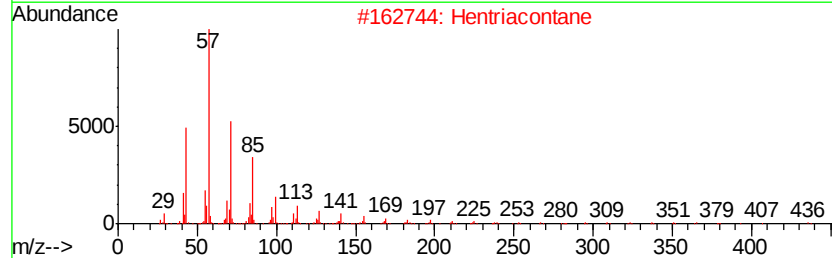
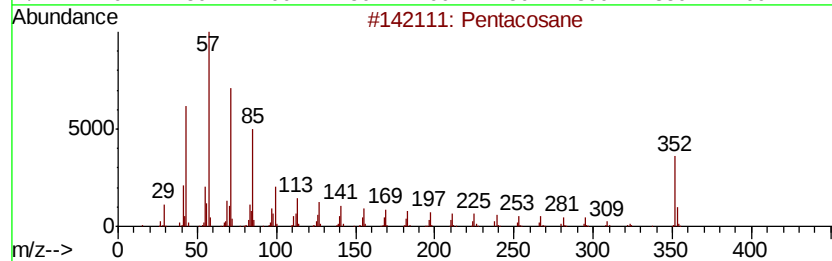
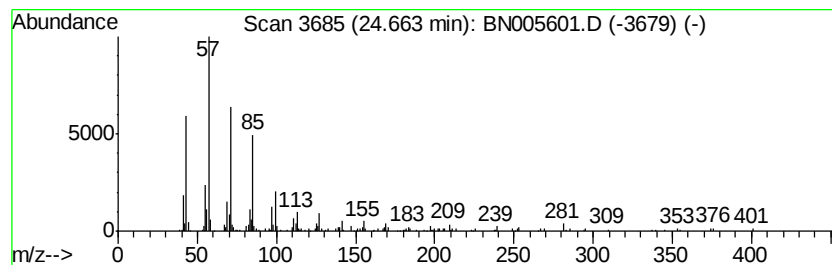
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.66	2.49 ng/ul	407509	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	94
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Hexatriacontane	507	C36H74	000630-06-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005601.D
Acq On : 10 May 2019 22:33
Operator : JU/SJ
Sample : K2613-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.89	2.4	ng/ul	330764	4	16.97	2711430	20.0
Methoxyacetic aci...	20.93	2.7	ng/ul	459136	5	21.20	3390610	20.0
(DEL) Alkane: Str...	22.27	3.2	ng/ul	535312	5	21.20	3390610	20.0
(DEL) Alkane: Str...	22.76	3.8	ng/ul	620796	6	23.41	3277070	20.0
(DEL) Alkane: Str...	23.94	3.6	ng/ul	592477	6	23.41	3277070	20.0
(DEL) Alkane: Str...	24.66	2.5	ng/ul	407509	6	23.41	3277070	20.0